

**AMENDMENTS TO THE SPECIFICATION**

Please replace paragraph [0038] with the following amended version of paragraph [0038]:

[0038] FIG. 1 shows an embodiment of an apparatus having a nanodevice 1 for controlling the flow of charged particles ( $\text{ion}^+$  or  $\text{ion}^-$ ) in an electrolyte. This ~~device~~apparatus comprises an electrolytic bath container 2 divided by a polymeric foil 3 into a first 4 and a second 5 compartment. Each compartment 4 and 5 comprises an electrode 6 and 7 connected to a voltage supply 8, which supplies in this embodiment a direct current voltage  $U_1$ . The electrolytic current  $I$  is measured by a current meter 18.